

What is claimed is:

1. A method for core lamination in a motor comprising:

a step of fabricating a lamination sheet of thin plate having a  
5 predetermined shape on which a coupling means is formed;

a step of fixedly laminating a plurality of lamination sheets to be a  
predetermined thickness so that the coupling means formed on one side surface  
of the lamination sheets are connected to be in a row; and

a step of forming curved surface portion on both side surface portions of  
10 the laminated body in which the plurality of lamination sheets are laminated to be  
a predetermined thickness.

2. The method of claim 1, wherein the lamination body is a unit  
lamination core.

3. The method of claim 1, wherein the step of fixedly laminating is  
proceeded such that the respective lamination sheet is successively coupled by  
caulking process.

20 4. A core lamination structure of a motor in which a laminated body  
is formed by laminating a plurality of lamination sheets of thin plate having  
predetermined shape, and the respective lamination sheets are fixedly coupled by  
coupling means which are formed on the respective lamination sheets  
constructing the laminated body so as to be connected in a row with adjacent  
25 lamination sheets and to be moved.

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5. The structure of claim 4, wherein the coupling means formed on the respective lamination sheets are fixedly coupled by caulking successively and sequentially.

5 6. The structure of claim 4, wherein the coupling means is a caulking portion comprising two moving space holes formed on one side of the respective lamination sheets as penetrating the sheets, and a bending coupling portion located between the two moving space holes and will be bent when caulking process is made.

10 7. The structure of claim 6, wherein a length direction of the caulking portion is formed to be same as a length direction of a path portion formed on the respective lamination sheet.

15 8. The structure of claim 4, wherein the coupling means is to form coupling portion, which are protruded to be engaged with each other, on the respective lamination sheets constructing the laminated body so as to move relatively with the adjacent lamination sheets, and to fixedly couple the laminated body by the engaging of the coupling portion on the respective lamination sheets.

20 9. The structure of claim 8, wherein the lamination sheet constructing the laminated body comprises:

a path portion including a lengthwise plate of "⊏" shape having a predetermined width and length and a first and second transverse plates bent and  
25 extended from both ends of the lengthwise plate, and a part of a bobbin in which a

coil is wound;

a pole portion formed on both ends of the first and second transverse plates to form poles; and

the coupling portion protruded on one sides of the first and second transverse plates of the path portion to have predetermined width and length by being pressed.

10. The structure of claim 9, wherein the coupling portion comprises a first and a second slant plates bent to be slant for the plate of the path portion and to have a predetermined length on one side of the path portion, and a connecting flat plate for connecting both ends of the first and second slant plates.

11. The structure of claim 10, wherein the first and second slant plates and the connecting flat plate are formed to be protruded toward one side so that cross-sections of the plates form trapezoid shapes, and a length of inner side surface of the connecting flat plate is longer than that of outer side surface of the connecting flat plate.

12. The structure of claim 9, wherein the length direction of the coupling portion is same as that of the first and second transverse plates on the path portion.

13. The structure of claim 9, a cross-section in length direction of the coupling portion is formed as a trapezoid, and protruded width on protruded surface is smaller than concave width on concave surface.